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Appl. No. 09/351,086
Amendment and/or Response
Reply to Office action of 23 August 2006

NOV 24 2006

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously presented) A method for processing video, the method comprising:
displaying a sequence of video segments at a display of a user,
extracting a feature from one or more video segments of the sequence,
determining an association between the feature and at least one additional information source also including that feature; and
defining a link between the feature and the at least one additional information source to facilitate a display of information from the additional information source based at least in part on a selection by the user of the feature while the one or more video segments are displayed to the user.
2. (Previously presented) The method of claim 1 wherein
defining the link includes retrieving the link from a memory based on an identification of the feature.
3. (Canceled)
4. (Previously presented) The method of claim 1 wherein
the additional information source includes an additional video segment that also includes the feature.
5. (Previously presented) The method of claim 4, including
switching from display of the first video segment to display of the additional video segment.

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6. (Previously presented) The method of claim 4, including
displaying the additional video segment at least in part in a separate portion of
a display which also includes at least a portion of the one or more video segments.
7. (Previously presented) The method of claim 1 wherein
the feature includes a video feature.
8. (Previously presented) The method of claim 7 wherein
the video feature includes at least one of:
a frame characterization,
a face identification,
a scene identification,
an event identification, and
an object identification.
9. (Previously presented) The method of claim 1 wherein
the feature includes an audio feature.
10. (Previously presented) The method of claim 9, including
combining an audio signal corresponding to the audio feature with an audio
signal associated with the first video segment.
11. (Previously presented) The method of claim 9, including
converting an audio signal corresponding to the audio feature into a textual
format that is displayed with the first video segment.

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12. (Previously presented) The method of claim 9, including separating at least a portion of the video segment into audio categories including one or more of:
- single-voice speech,
 - multiple-voice speech,
 - music,
 - silence, and
 - noise,
- in order to extract the audio feature therefrom.
13. (Previously presented) The method of claim 9, wherein the audio feature includes at least one of:
- a music signature extraction,
 - a speaker identification, and
 - a transcript extraction.
14. (Previously presented) The method of claim 1, wherein the feature is a textual feature.
15. (Previously presented) The method of claim 14, including displaying information corresponding to the textual information as an overlay on a display of the first video segment.
16. (Previously presented) The method of claim 1, wherein the feature includes at least one multi-dimensional feature vector extracted from a portion of the video segment using a feature extraction technique.
17. (Previously presented) The method of claim 1, wherein determining the association includes determining a similarity measure using a clustering technique.

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18. (Previously presented) An apparatus comprising:

a display that is configured to display a sequence of video segments,
a processor that is configured to:

extract a feature from one or more video segments of the sequence;

determine an association between the feature and at least one

additional information source also including that feature; and

direct the display of information from the additional information source
based at least in part on a selection by a user of the feature in the first video segment
while the one or more video segments are displayed on the display.

19. (Previously presented) An apparatus for processing video, the apparatus
comprising:

a processor operative to:

determine an association between a feature in one or more video
segments and at least one additional information source that also includes the
feature; and

display information from the additional information source based at
least in part on a selection by a user of the feature while the one or more video
segments are displayed to the user.

20. (Previously presented) An article of manufacture comprising a machine-readable
medium containing one or more software programs which when executed:

display a sequence of video segments,

extract a feature from one or more video segments of the sequence,

determine an association between the feature and at least one additional
information source that also includes the feature; and

display information from the additional information source based at least in
part on a selection by a user of the feature while the one or more video segments are
displayed to the user.

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21-25 (Canceled)

26. (Previously presented) The method of claim 1, including
storing the link to facilitate subsequent display of the information from the
additional information source.

27. (Previously presented) The method of claim 1, including
combining the link and the video segment to create a hyperlinked video
segment.